



US Environmental Protection Agency Radiological Emergency Response Team

Las Conchas Fire Air Sampler Information July 3, 2011

Location 1.

Santa Clara Events Center – Sample Damaged/Compromised, see notes
460 N. Riverside Drive
Santa Clara, NM
N 35 degrees 59.818 min, W 106 degrees 03.994 min.

Location 2.

Santa Clara Outlook – Location Terminated, see notes
Dirt road off Highway 602
Santa Clara, NM
N 35 degrees 57.762 min, W 106 degrees 11.781 min.

Location 3.

Black Mesa Golf Course
115 State Road 399
Santa Clara, NM
N 35 degrees 57.614 min, W 106 degrees 03.235 min.

Location 4.

Buffalo Thunder Casino
30 Buffalo Thunder Trail
Santa Fe, NM 87506
N 35 degrees, 51.739 min, W 105 degrees 59.818 min

Location 5.

Valley Veterinary Clinic
18126 Highway 84/285
Santa Fe, NM
N 35 degrees 54.217 min, W 106 degrees, 01.109 min.

Location 6.

San Ildefonso Pueblo – Location Terminated, see notes
445 Battleship View Rd.
San Ildefonso, NM
N 35 degrees, 54.459 min, W 106 degrees, 08.194 min.

Location 7.
Espanola Hospital
1010 Spruce Street
Espanola, NM
N 35 degrees, 59.811 min, W 106 degrees, 5.246 min.

Location 8.
Runnels State Office Building
1190 St. Francis Drive
Santa Fe, NM
N 35 degrees, 40.296 min, W 105 degrees, 57.370 min

Location 9.
Cuba Volunteer Fire Department
16B East Cordova Street
Cuba, NM
N 36 degrees, 00.762 min, W 106 degrees 57.709 min.

Location 10.
US Army Corps of Engineers
4734 Hwy. 96
Abiqui, NM
N 36 degrees, 14.436 min, W 106 degrees, 25.699 min.

Location 11.
Water Sanitation District
827 State Highway 22
Pena Blanca, NM
N 35 degrees, 34.411 min, W 106 degrees, 20.076 min.

Location 12.
Cochiti Town Hall (Cochiti Pueblo) **(This location has a duplicate air sampler.)**
6515 Hoochaneetsa Blvd, Suite A
Cochiti Lake, NM
N 35 degrees, 38.789 min, W 106 degrees, 20.159 minutes

Air Sampler Notes: For the Las Conchas Fire Response, 10 of the 12 air sampling stations operated by the EPA Radiological Response Team (RERT) were collected successfully on July 3, 2011, and turned over to EPA Region 6 START for shipment to the contractor laboratory, Eberline Services, in Oak Ridge, TN. Region 6 START was able to work some magic and will be using FedEx Custom Critical Shipping to get samples to the laboratory overnight.

Of note: two air samplers had issues overnight. The power at the Santa Clara Outlook location went off 7 hours into the sample run. We have no way of knowing what the stop flow was. The power was not able to be restored in a timely fashion so we terminated that sampling station. The Santa Clara Events Center location air filter was damaged. It appeared that someone might have used a pen to stick holes in the filter. We can't quite figure out how that could have happened since the access to this location was on a roof and required using a ladder to get access. It did rain at that location quite heavily last night (evidence still on the roof), so perhaps

the wind picked up little stones and they impacted the filter. Or a bird, we don't know. I took some pictures of the filter if anyone would like to see it, please send me an email.

We were told by FOSC Warren Zehner to terminate our operations on July 4, so that is the last set of samples we will collect. All air samplers will be returned to our location at the Guard Armory. He also asked us to terminate the location at the San Ildefonso Pueblo today, since it is on the main road to Los Alamos and the road is expected to be in traffic jam conditions for the next 48 hours as the evacuation order into Los Alamos was lifted at 8 am this morning.

RERT is staging from the Espanola Guard Armory, 2011 Industrial Park Road, Espanola, NM. Google Maps shows this location incorrectly – it is about ¼ mile further west.

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